

WEST Search History

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DATE: Wednesday, June 21, 2006

Hide? **Set Name Query** **Hit Count**

DB=USPT; PLUR=YES; OP=OR

<input type="checkbox"/>	L1	rose near chamber	82
<input type="checkbox"/>	L2	L1 same growth	5
<input type="checkbox"/>	L3	L1 same cultur\$ not l2	3

END OF SEARCH HISTORY

WEST Search History

DATE: Wednesday, June 21, 2006

Hide?	<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>
	<i>DB=USPT; PLUR=YES; OP=OR</i>		
<input type="checkbox"/>	L1	king.in. and media	1568
<input type="checkbox"/>	L2	L1 and broth	67
<input type="checkbox"/>	L3	L2 and agar	44
<input type="checkbox"/>	L4	L3 and pylori	1
<input type="checkbox"/>	L5	catalase near3 (inhibit\$ or antagon\$)	218
<input type="checkbox"/>	L6	L5 and \$oxyrase\$	0
<input type="checkbox"/>	L7	L5 and anaerob\$	37
<input type="checkbox"/>	L8	L7 and membran\$.	25
<input type="checkbox"/>	L9	(NAN3 NAN3-CONTAINING NAN3-ADDING NAN3/1%)!	429
	<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>		
<input type="checkbox"/>	L10	(NAN3 NAN3-CONTAINING NAN3-ADDING NAN3/1%)! or \$azide	102987
<input type="checkbox"/>	L11	L10 and (oxyrase or ec-oxyrase)	11

END OF SEARCH HISTORY

...per million (ppm) to 1 00 ppm.

In yet another aspect, the composition further comprises **Oxyrase** TM in an amount ranging from about 0.05 U/mL to 0.5 U...herein.

An anti-microbial of the invention is sodium azide. Preferably, the amount of sodium **azide** is less than about 0.09 % based on weight per volume (w/v).

The preferred amount of sodium **azide** is about 0.9 g/L.

Alternatively, the amount of ProClinTm ranges from about 1...

• ...reference composition may also include a secondary antioxidant TM
(such as, but not limited to, **Oxyrase** . As would be understood by the skilled artisan, based upon the disclosure provided herein, **Oxyrase** TM does not affect stability of a reference composition at a level of TDPA greater...comprise TDPA, is as follows.
4.0 g/L TDPA
0.9 g/L sodium **azide**
40 ppm ProClinTm
Oxyrase TM was added
in a buffer comprising HEPES, approximately pH 7.4 (pH ranging from...

Claim

... 18. The reference composition of claim 6, said composition further comprising an amount of sodium **azide** less than about 0.09% (weight/volume).

19 The reference composition of claim 6, said...

...to
1 00 ppm.

20 The reference composition of claim 6, said composition further comprising **Oxyrase** TM in an amount ranging from about 0.05 U/mL to 0.5 U...

1/3, KWIC/3 (Item 2 from file: 349)
DIALOG(R) File 349: PCT FULLTEXT
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01011698

A MEDIUM COMPOSITION, METHOD AND DEVICE FOR SELECTIVELY ENHANCING THE ISOLATION OF ANAEROBIC MICROORGANISMS CONTAINED IN A MIXED SAMPLE WITH FACULTATIVE MICROORGANISMS

COMPOSITION DE MILIEU, PROCEDE ET DISPOSITIF PERMETTANT D'AUGMENTER DE MANIERE SELECTIVE L'ISOLEMENT DE MICRO-ORGANISMES ANAEROBIES CONTENUS DANS UN ECHANTILLON MELANGE PRESENTANT DES MICRO-ORGANISMES FACULTATIFS

Patent Applicant/Assignee:

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(Nationality)

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Patent and Priority Information (Country, Number, Date):
Patent: WO 200340285 A1 20030515 (WO 0340285)
Application: WO 2002US16677 20020520 (PCT/WO US0216677)
Priority Application: US 20017739 20011108

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 11288

Fulltext Availability:

Claims

Claim

... fragments), and an inhibitor of the respiratory electron transport
system, such as a salt of **azide**, cyanide or like compounds. It was
found that the inclusion of an inhibitor (or ...unaffected.

9

This discovery was then applied to biocatalytic oxygen reducing agents
such as the **Oxyrase** microbiological products. However, the inventors
were not optimistic about the outcome since the essence of...invention
without departing from the spirit and scope thereof.

A. Comparison of Broth Cultures with **Azide**

An initial test was done to determine if anaerobes would grow at **azide**
concentrations that inhibited common facultative microbes. **Azide** (N³-)
is an inhibitor of the electron transport system where it prevents the
reduction of In this test, sodium **azide** was added to 5 ml Brain Heart
Infusion ("BHI") broth tubes at a final concentration of 0.1 mg/ml.

Oxyrase for Broth consists of sterile membrane fragments obtained from
Escherichia coli. To each tube

19

was added **Oxyrase** for Broth to create an anaerobic environment.

The tubes were then inoculated with stock cultures...See Table 1).

Table 1

Growth of Selected Anaerobes and Facultative Microbes

in Broth Containing Azide

Culture Observation OxyPlate[®]rm

Un-inoculated Control No Turbidity

Anaerobe microbes

Bacteriodes fragilis Bifidobacterium adelocentis...activity of
the Oxyrase[®] was

determined with the Gilson Oxygraph and the results expressed in

Oxyrase units (See Table 2).

Table 2

Oxyrase Activity at Various Concentrations of Azide

Time ----- **Oxyrase** Activity ----- - ---

----- Azide Concentration -----

1.0 mg/ml 0.1 mg/ml 0.01 mg/ml...

...90 min 115 Wm[115 u/ml 115 U/Ml

These results clearly show that **Oxyrasee** activity is resistant to at least IOX the concentration of **azide** that inhibits growth of cells of E. coli under anaerobic conditions. Growth in anoxic broth was inhibited by 0.1 mg/ml of

azide , and possibly less. These results show that the **OxyraseP** Enzyme System can be used to generate anaerobic conditions in the presence of high concentrations of **azide** without any apparent effect on the activity of the enzyme system of the biocatalytic oxygen reducing agent of **OxyraseP** .

C. Effectiveness of **Azide** in Agar Plated Media for Preferentially Inhibiting Facultative Microbes

Isolation and purification of microorganisms is...that lies at the heart of the

22

science of microbiology. The inventors found that **azide** could be used in anoxic broth to preferentially inhibit facultative microbes. Subsequently, the inventors sought...

...on solid agar medium.

A series of test OxyPlateSTM were made containing Brucella medium with **Oxyrasee** and different concentrations of sodium **azide** (0.01 mg/ml, 0....are presented in Table 3.

Table 3

Growth of Select Anaerobe and Facultative Microbes on **Azide** Containing OxyPlateTm

Growth on **Azide** OxyPlate'rm

Azide Concentration > 0 0.01 0.02 0.04

mg/ml mg/ml mg/ml mg...plate with P.

mirabilis. The inventors noted that under anoxic conditions and at concentrations of **azide** above 0.1 mg/ml and when P. mirabilis is diluted to isolated colonies, swarming is inhibited. This effect of **azide** provides an ...isolation of anaerobes in the presence of P. mirabilis.

D. Observations on the Effect of **Azide** Concentration on Broth Cultures

The inventors next set out to determine the range of **azide** concentrations that are effective in anaerobic broth culture. Brain Heart Infusion (BHI) broth medium was prepared by adding **azide** at different concentrations. Oxygen scavenging membrane fragments, i.e. **Oxyrase** ' for Broth, was added to each tube prior to inoculation to reduce the environment

and...370C before the following observations were made (See Table 4).

24

Table 4

Effect of **Azide** Concentration of Broth Cultures

Azide Concentration

Culture 0 mg/ml 0.01 0.02 0.04

mg/ml mg/ml...being facultative microbes.

30

To tubes containing 5.0 ml of BHI broth were added **Oxyraseo** for Broth (1 drop per ml of medium) which creates and maintains an anaerobic environment...

...0.1 mg/ml, 0.2 mg/ml and 0.4 mg/ml with sodium **azide** .

Each tube was inoculated with 0.1 ml of the mixed suspension of microbes. The...inoculated tubes were incubated at 37°C for 48 hours. Observations: Control tubes, not containing **azide** , were heavily turbid

throughout the broth from the bottom of the tube to the top...
 Thioglycollate broth tubes to Standard
 Thioglycollate tubes
 AnaSelect" Thioglycollate broth tubes contained the poison sodium
azide as describe in this invention. They were made by adding oxygen
 scavenging enzyme fragments, i.e. **Oxyrase** for Broth, containing sodium
azide to ...in the
 routine procedure for analyzing patient specimens in a clinical
 laboratory. Thioglycollate tubes containing **Oxyrase** ' for Broth were
 incubated aerobically because the **Oxyrase** creates and maintains an
 anaerobic environment within the tubes. The same specimens were
 inoculated into...

1/3,KWIC/4 (Item 1 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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0013774953 BIOSIS NO.: 200200368464

NADH oxidase-mediated production of superoxide in the renal thick ascending limb in response to hypoxia

AUTHOR: Chen Ya-fei (Reprint); Spurrier Jamie L (Reprint); Li Pin-Lan (Reprint); Cowley Allen W Jr (Reprint); Zou Ai-Ping (Reprint)

AUTHOR ADDRESS: Medical College of Wisconsin, 8701 Watertown Plank Rd, Milwaukee, WI, 53226, USA**USA

JOURNAL: FASEB Journal 16 (4): pA432 March 20, 2002 2002

MEDIUM: print

CONFERENCE/MEETING: Annual Meeting of the Professional Research Scientists on Experimental Biology New Orleans, Louisiana, USA April 20-24, 2002; 20020420

ISSN: 0892-6638

DOCUMENT TYPE: Meeting; Meeting Abstract

RECORD TYPE: Abstract

LANGUAGE: English

...ABSTRACT: 0.05), which was substantially blocked by an inhibitor of NADH oxidase, diphenyleneiodonium chloride (DPI). **Oxyrase** , an enzyme mixture that consumed or depleted oxygen in the incubation solution, significantly increased intracellular...

...by DPI. Moreover, chemical hypoxia due to blockade of oxygen-dependent tubular metabolism by sodium **azide** also activated NADH oxidase to produce O2.- within TALH cells. Based on these results, we...

? logoff hold

21jun06 11:42:37 User228206 Session D2613.5

\$2.09 0.353 DialUnits File654

\$0.70 1 Type(s) in Format 3

\$0.70 1 Types

\$2.79 Estimated cost File654

\$1.00 0.211 DialUnits File349

\$3.20 2 Type(s) in Format 3

\$3.20 2 Types

\$4.20 Estimated cost File349

\$1.22 0.207 DialUnits File5

\$2.05 1 Type(s) in Format 3

\$2.05 1 Types

\$3.27 Estimated cost File5

OneSearch, 3 files, 0.771 DialUnits FileOS

\$0.26 TELNET

\$10.52 Estimated cost this search

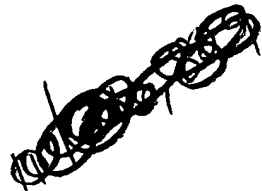
\$25.41 Estimated total session cost 5.740 DialUnits

Logoff: level 05.11.05 D 11:42:37

You are now logged off

[...0141] AnaSelect(TM) Thioglycollate broth tubes contained the poison sodium **azide** as describe in this invention. They were made by adding oxygen scavenging enzyme fragments, i.e. **Oxyrase** (R) for Broth, containing sodium **azide** to Thioglycollate broth medium. These tubes were included in the routine procedure for analyzing patient specimens in a clinical laboratory. Thioglycollate tubes containing **Oxyrase** (R) for Broth were incubated aerobically because the **Oxyrase** (R) creates and maintains an anaerobic environment within the tubes. The same specimens were inoculated...

1/3,KWIC/2 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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01345784

NOVEL STABLE LIPID STANDARDS
NOUVELLES NORMES DE LIPIDES STABLES

Patent Applicant/Assignee:

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Patent Applicant/Inventor:

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200628916 A2 20060316 (WO 0628916)
Application: WO 2005US31178 20050831 (PCT/WO US2005031178)
Priority Application: US 2004606224 20040901

Designated States:

(All.protection types applied unless otherwise stated - for applications
2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KM KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NG NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SM SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU LV MC NL
PL PT RO SE SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 21559

Fulltext Availability:

Detailed Description
Claims

Detailed Description

... to 8

In yet a further aspect, the composition further comprises an amount of
sodium **azide** less than about 0.09% (weight/volume).

In another aspect, the composition further comprises ProClinTm...

...anaerobius on the plate in contrast to the obvious growth, albeit low, in the tube. **Azide** was bacteriostatic for the facultative microbes. Even though they did not grow in the presence of **azide** in anoxic broth, they retained their viability as determined by the numerous colonies on a ...

...0090] B. Assays of **Oxyrase** (R) with **Azide**

[...

...experiment describe above had several unexpected outcomes. One was the sensitivity of *Escherichia coli* to **azide** while the **Oxyrase** (R) Enzyme System, which is obtained from *E. coli*, is insensitive to the same amount of **azide**. The inventors then set out to determine the affect of **azide** on the **Oxyrase** (R) Enzyme System. Three concentrations of **azide** (1.0 mg/ml, 0.1 mg/ml, and 0.01 mg/ml) were tested for its affect on **Oxyrase** activity as measured polarographically with a Gilson Oxygraph. This instrument measures dissolved oxygen concentration and records it with time. Standard conditions used to measure **Oxyrase** (R) activity were chosen. An amount of **Oxyrase** (R) was mixed with the stated concentrations of sodium **azide** in tubes and incubated at 37 degree C. for up to 90 minutes. Samples were taken at 0 time, 45 minutes and 90 minutes of incubation. The activity of the **Oxyrase** (R) was determined with the Gilson Oxygraph and the results expressed in **Oxyrase** (R) units (See Table 2...

...0092] These results clearly show that **Oxyrase** (R) activity is resistant to at least 10X the concentration of **azide** that inhibits growth of cells of *E. coli* under anaerobic conditions. Growth in anoxic broth was inhibited by 0.1 mg/ml of **azide**, and possibly less. These results show that the **Oxyrase** (R) Enzyme System can be used to generate anaerobic conditions in the presence of high concentrations of **azide** without any apparent effect on the activity of the enzyme system of the biocatalytic oxygen reducing agent of **Oxyrase** (R...

...0093] C. Effectiveness of **Azide** in Agar Plated Media for Preferentially Inhibiting Facultative Microbes...

...technique that lies at the heart of the science of microbiology. The inventors found that **azide** could be used in anoxic broth to preferentially inhibit facultative microbes. Subsequently, the inventors sought...

...0095] A series of test OxyPlates(TM) were made containing *Brucella* medium with **Oxyrase** (R) and different concentrations of sodium **azide** (0.01 mg/ml, 0.02 mg/ml, and 0.04 mg/ml). A drop...

...0097] D. Observations on the Effect of **Azide** Concentration on Broth Cultures...

...0098] The inventors next set out to determine the range of **azide** concentrations that are effective in anaerobic broth culture. Brain Heart Infusion (BHI) broth medium was prepared by adding **azide** at different concentrations. Oxygen scavenging membrane fragments, i.e. **Oxyrase** (R) for Broth, was added to each tube prior to inoculation to reduce the environment...

...0119] To tubes containing 5.0 ml of BHI broth were added **Oxyrase** (R) for Broth (1 drop per ml of medium) which creates and maintains an anaerobic...

...0.1 mg/ml, 0.2 mg/ml and 0.4 mg/ml with sodium **azide**.

YSTE:OS - DIALOG OneSearch

File 654:US Pat.Full. 1976-2006/Jun 20

(c) Format only 2006 Dialog

***File 654: IPCR/8 classification codes now searchable in 2006 records.**

For information about IC= index changes, see HELP NEWSIPCR.

File 349:PCT FULLTEXT 1979-2006/UB=20060615,UT=20060608

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***File 349: For important information about IPCR/8 and forthcoming changes to the IC= index, see HELP NEWSIPCR.**

File 5:Biosis Previews(R) 1969-2006/Jun W2

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Set Items Description

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Executing TH262042826

>>>SET HILIGHT: use ON, OFF, or 1-5 characters

79041 AZIDE?

164 OXYRASE?

1 EC-OXYRASE?

2469 BIOCATALYTIC

1606181 MEMBRANE?

27 BIOCATALYTIC(N)MEMBRANE?

S1 4 AZIDE? (100N) (OXYRASE? OR EC-OXYRASE? OR (BIOCATALYTIC (N) MEMBRANE?))

? t s1/3,kwic/all

1/3,KWIC/1 (Item 1 from file: 654)

DIALOG(R)File 654:US Pat.Full.

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0005305261 **IMAGE Available

Derwent Accession: 2004-051087

Medium composition, method and device for selectively enhancing the isolation of anaerobic microorganisms contained in a mixed sample with facultative microorganisms

Inventor: James Copeland, INV

Kathy Myers, INV

Correspondence Address: FAY, SHARPE, FAGAN, MINNICH & McKEE, LLP, 7th Floor 1100 Superior Avenue, Cleveland, OH, 44114-2516, US

	Publication Number	Kind	Date	Application Number	Filing Date
	-----	--	-----	-----	-----
Main Patent	US 20030138867	A1	20030724	US 20017739	20011108
Provisional				US 60-246872	20001108

Fulltext Word Count: 12721

Description of the Invention:

...0087] In this test, sodium **azide** was added to 5 ml Brain Heart Infusion ("BHI") broth tubes at a final concentration of 0.1 mg/ml.

Oxyrase (R) for Broth consists of sterile membrane fragments obtained from Escherichia coli. To each tube was added **Oxyrase** (R) for Broth to create an anaerobic environment...

...0089] This preliminary experiment showed that at 0.1 mg/ml of **azide** in anoxic broth, most anaerobes grow whereas two commonly encountered facultative microbes did not grow...

2003 0138867
2003 40285
2006 28916

SYSTEM:OS - DIALOG OneSearch

File 155:MEDLINE(R) 1951-2006/Jun 20

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***File 155: Please see HELP NEWS 154**

for information about recent updates added to MEDLINE.

File 5:Biosis Previews(R) 1969-2006/Jun W2

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File 34:SciSearch(R) Cited Ref Sci 1990-2006/Jun W3

(c) 2006 Inst for Sci Info

File 35:Dissertation Abs Online 1861-2006/May

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File 65:Inside Conferences 1993-2006/Jun 21

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File 71:ELSEVIER BIOBASE 1994-2006/Jun W3

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File 73:EMBASE 1974-2006/Jun 21

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File 91:MANTIS(TM) 1880-2006/Feb

2006 (c) Action Potential

File 94:JICST-EPlus 1985-2006/Mar W3

(c) 2006 Japan Science and Tech Corp(JST)

File 98:General Sci Abs 1984-2005/Jan

(c) 2006 The HW Wilson Co.

File 135:NewsRx Weekly Reports 1995-2006/Jun W2

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File 144:Pascal 1973-2006/May W4

(c) 2006 INIST/CNRS

File 149:TGG Health&Wellness DB(SM) 1976-2006/Jun W1

(c) 2006 The Gale Group

File 156:ToxFile 1965-2006/Jun W2

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***File 156: ToxFile has been reloaded. Accession numbers have changed.**

File 159:Cancerlit 1975-2002/Oct

(c) format only 2002 Dialog

***File 159: Cancerlit is no longer updating.**

Please see HELP NEWS159.

File 162:Global Health 1983-2006/May

(c) 2006 CAB International

File 164:Allied & Complementary Medicine 1984-2006/Jun

(c) 2006 BLHCIS

File 172:EMBASE Alert 2006/Jun 21

(c) 2006 Elsevier Science B.V.

File 266:FEDRIP 2005/Dec

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File 369:New Scientist 1994-2006/Jun W2

(c) 2006 Reed Business Information Ltd.

File 370:Science 1996-1999/Jul W3

(c) 1999 AAAS

***File 370: This file is closed (no updates). Use File 47 for more current information.**

File 399:CA SEARCH(R) 1967-2006/UD=14426

(c) 2006 American Chemical Society

***File 399: Use is subject to the terms of your user/customer agreement.**

IPCR/8 classification codes now searchable as IC=. See HELP NEWSIPCR.

File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec

(c) 1998 Inst for Sci Info

File 444:New England Journal of Med. 1985-2006/Jun W1

(c) 2006 Mass. Med. Soc.

File 467:ExtraMED(tm) 2000/Dec

(c) 2001 Informania Ltd.

***File 467: F467 will close on February 1, 2006.**

Set	Items	Description
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Ref	Items	RT	Index-term
E1	8777	37	*SODIUM AZIDE
E2	1		SODIUM AZIDE (NA(N3))
E3	2		SODIUM AZIDE (NAN3)
E4	2		SODIUM AZIDE (SA)
E5	10		SODIUM AZIDE --ADMINISTRATION AND DOSAGE --AD
E6	2		SODIUM AZIDE --ADVERSE DRUG REACTION --AE
E7	10		SODIUM AZIDE --ADVERSE EFFECTS --AE
E8	2		SODIUM AZIDE --AGONISTS --AG
E9	11		SODIUM AZIDE --ANALYSIS --AN
E10	13		SODIUM AZIDE --ANTAGONISTS AND INHIBITORS --AI
E11	8		SODIUM AZIDE --BLOOD --BL
E12	87		SODIUM AZIDE --CHEMISTRY --CH

Enter P or PAGE for more

?

? p

Ref	Items	Index-term
E13	2	SODIUM AZIDE --DIAGNOSTIC USE --DU
E14	1	SODIUM AZIDE --DRUG ADMINISTRATION --AD
E15	5	SODIUM AZIDE --DRUG ANALYSIS --AN
E16	22	SODIUM AZIDE --DRUG COMBINATION --CB
E17	32	SODIUM AZIDE --DRUG COMPARISON --CM
E18	4	SODIUM AZIDE --DRUG CONCENTRATION --CR
E19	5	SODIUM AZIDE --DRUG DEVELOPMENT --DV
E20	10	SODIUM AZIDE --DRUG DOSE --DO
E21	28	SODIUM AZIDE --DRUG INTERACTION --IT
E22	5	SODIUM AZIDE --DRUG THERAPY --DT
E23	164	SODIUM AZIDE --DRUG TOXICITY --TO
E24	3	SODIUM AZIDE --ENDOGENOUS COMPOUND --EC

Enter P or PAGE for more

? p

Ref	Items	Index-term
E25	1	SODIUM AZIDE --INTRACEREBRAL DRUG ADMINISTRATI
E26	1	SODIUM AZIDE --INTRANASAL DRUG ADMINISTRATION
E27	1	SODIUM AZIDE --INTRAPERITONEAL DRUG ADMINISTRA
E28	2	SODIUM AZIDE --ISOLATION AND PURIFICATION --IP
E29	38	SODIUM AZIDE --METABOLISM --ME
E30	9	SODIUM AZIDE --PHARMACEUTICS --PR
E31	10	SODIUM AZIDE --PHARMACOKINETICS --PK
E32	960	SODIUM AZIDE --PHARMACOLOGY --PD
E33	16	SODIUM AZIDE --POISONING --PO
E34	3	SODIUM AZIDE --SUBCUTANEOUS DRUG ADMINISTRATIO
E35	57	SODIUM AZIDE --TOXICITY --TO
E36	2	SODIUM AZIDE --URINE --UR

Enter P or PAGE for more

? p

Ref	Items	Index-term
E37	1	SODIUM AZIDE ACETAZOLAMIDE PARATHYROID HORMONE
E38	1	SODIUM AZIDE ACTIVATION
E39	1	SODIUM AZIDE AEROBIOSIS HYDROGEN ION INFLUX LA

E40	1	SODIUM AZIDE ANTIFUNGAL AGENT
E41	1	SODIUM AZIDE ANTIMYCIN A SODIUM POTASSIUM CALC
E42	1	SODIUM AZIDE ANTIMYCIN A 2 DEOXY-D GLUCOSE IOD
E43	1	SODIUM AZIDE ANTIMYCIN ANTI INFECT-DRUGS
E44	1	SODIUM AZIDE AS A TOOL IN NEURO PHYSIOLOGICAL
E45	1	SODIUM AZIDE CAFFEINE TEMPERATURE CALCIUM SARC
E46	1	SODIUM AZIDE CALCIMYCIN A-23187 METABOLIC-DRUG
E47	1	SODIUM AZIDE CARBONYL CYANIDE M CHLOROPHENYL H
E48	1	SODIUM AZIDE CHLORAMPHENICOL CHEMICAL ANALYSIS

Enter P or PAGE for more

? p

Ref	Items	Index-term
E49	1	SODIUM AZIDE CRYSTAL VIOLET
E50	1	SODIUM AZIDE CYTOCHALASIN B COLCHICINE VINBLAS

? s e1-e50

8777	SODIUM AZIDE
1	SODIUM AZIDE (NA(N3))
2	SODIUM AZIDE (NAN3)
2	SODIUM AZIDE (SA)
10	SODIUM AZIDE --ADMINISTRATION AND DOSAGE --AD
2	SODIUM AZIDE --ADVERSE DRUG REACTION --AE
10	SODIUM AZIDE --ADVERSE EFFECTS --AE
2	SODIUM AZIDE --AGONISTS --AG
11	SODIUM AZIDE --ANALYSIS --AN
13	SODIUM AZIDE --ANTAGONISTS AND INHIBITORS --AI
8	SODIUM AZIDE --BLOOD --BL
87	SODIUM AZIDE --CHEMISTRY --CH
2	SODIUM AZIDE --DIAGNOSTIC USE --DU
1	SODIUM AZIDE --DRUG ADMINISTRATION --AD
5	SODIUM AZIDE --DRUG ANALYSIS --AN
22	SODIUM AZIDE --DRUG COMBINATION --CB
32	SODIUM AZIDE --DRUG COMPARISON --CM
4	SODIUM AZIDE --DRUG CONCENTRATION --CR
5	SODIUM AZIDE --DRUG DEVELOPMENT --DV
10	SODIUM AZIDE --DRUG DOSE --DO
28	SODIUM AZIDE --DRUG INTERACTION --IT
5	SODIUM AZIDE --DRUG THERAPY --DT
164	SODIUM AZIDE --DRUG TOXICITY --TO
3	SODIUM AZIDE --ENDOGENOUS COMPOUND --EC
1	SODIUM AZIDE --INTRACEREBRAL DRUG ADMINISTRATI
1	SODIUM AZIDE --INTRANASAL DRUG ADMINISTRATION
1	SODIUM AZIDE --INTRAPERITONEAL DRUG ADMINISTRA
2	SODIUM AZIDE --ISOLATION AND PURIFICATION --IP
38	SODIUM AZIDE --METABOLISM --ME
9	SODIUM AZIDE --PHARMACEUTICS --PR
10	SODIUM AZIDE --PHARMACOKINETICS --PK
960	SODIUM AZIDE --PHARMACOLOGY --PD
16	SODIUM AZIDE --POISONING --PO
3	SODIUM AZIDE --SUBCUTANEOUS DRUG ADMINISTRATIO
57	SODIUM AZIDE --TOXICITY --TO
2	SODIUM AZIDE --URINE --UR
1	SODIUM AZIDE ACETAZOLAMIDE PARATHYROID HORMONE
1	SODIUM AZIDE ACTIVATION
1	SODIUM AZIDE AEROBIOSIS HYDROGEN ION INFLUX LA
1	SODIUM AZIDE ANTIFUNGAL AGENT
1	SODIUM AZIDE ANTIMYCIN A SODIUM POTASSIUM CALC
1	SODIUM AZIDE ANTIMYCIN A 2 DEOXY-D GLUCOSE IOD
1	SODIUM AZIDE ANTIMYCIN ANTI INFECT-DRUGS
1	SODIUM AZIDE AS A TOOL IN NEURO PHYSIOLOGICAL

	1	SODIUM AZIDE	CAFFEINE	TEMPERATURE	CALCIUM	SARC
	1	SODIUM AZIDE	CALCIMYCIN A-23187	METABOLIC-DRUG		
	1	SODIUM AZIDE	CARBONYL CYANIDE M	CHLOROPHENYL	H	
	1	SODIUM AZIDE	CHLORAMPHENICOL	CHEMICAL ANALYSIS		
	1	SODIUM AZIDE	CRYSTAL VIOLET			
	1	SODIUM AZIDE	CYTOCHALASIN B	COLCHICINE	VINBLAS	
S1	8783	E1-E50				

? p

Ref	Items	Index-term
E1	1	SODIUM AZIDE CYTOCHALASIN B COLCHICINE VINBLAS
E2	1	SODIUM AZIDE CYTOCHALASIN B DRUG DELIVERY REVE
E3	1	SODIUM AZIDE CYTOCHALASIN B METABOLIC-DRUG PHA
E4	1	SODIUM AZIDE CYTOCHALASIN D METABOLIC-DRUG
E5	1	SODIUM AZIDE DECOMPOSITION
E6	1	SODIUM AZIDE DERIVE
E7	1	SODIUM AZIDE DERMATOLOGICAL-DRUG METABOLIC-DRU
E8	1	SODIUM AZIDE DI AMIDE N ETHYL MALEIMIDE 9-ALPH
E9	1	SODIUM AZIDE DI NITRO PHENOL CARBONYL CYANIDE
E10	1	SODIUM AZIDE DI NITRO PHENOL POTASSIUM CYANIDE
E11	1	SODIUM AZIDE DINITROPHENOL
E12	1	SODIUM AZIDE DINITROPHENOL TEMPERATURE LIGHT I

Enter P or PAGE for more

? p

Ref	Items	Index-term
E13	1	SODIUM AZIDE DINITROPHENOL 2 DEOXYGLUCOSE IODO
E14	1	SODIUM AZIDE ENZYME INHIBITOR-DRUG GLUTATHIONE
E15	1	SODIUM AZIDE ENZYME INHIBITOR-DRUG MANNITOL BE
E16	1	SODIUM AZIDE ETHACRYNIC-ACID AMILORIDE
E17	1	SODIUM AZIDE ETHYL METHANE SULFONATE METHYL ME
E18	1	SODIUM AZIDE ETHYL METHANESULFONATE GAMMA-RAY
E19	1	SODIUM AZIDE ETHYL METHANESULFONATE MUTAGENS
E20	1	SODIUM AZIDE FLUORIDE CYCLO HEXIMIDE PUROMYCIN
E21	1	SODIUM AZIDE GENES LINKAGE NECROTIC STERILE ME
E22	1	SODIUM AZIDE GTP MANGANESE ION PARTICULATE FRA
E23	1	SODIUM AZIDE GTP PHOTO RECEPTOR CELL PHOTO REC
E24	1	SODIUM AZIDE HEMATOLOGIC-DRUG CAPILLARY PERMEA

Enter P or PAGE for more

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Ref	Items	Index-term
E25	1	SODIUM AZIDE HEMATOLOGIC-DRUG SURFACE IMMUNO G
E26	1	SODIUM AZIDE HERBICIDES AGRICULTURE
E27	1	SODIUM AZIDE INACTIVATING SUBSTANCE
E28	1	SODIUM AZIDE INCUBATION
E29	1	SODIUM AZIDE INDUCTION
E30	1	SODIUM AZIDE INDUSTRY
E31	1	SODIUM AZIDE INHALATION
E32	1	SODIUM AZIDE INHIBITION
E33	1	SODIUM AZIDE INHIBITION ARGININE INDUCTION LEU
E34	1	SODIUM AZIDE INHIBITOR
E35	1	SODIUM AZIDE IODATE METAB-DRUGS RHOD OPSIN PHO
E36	1	SODIUM AZIDE IODO ACETAMIDE ANTIMYCIN A ACTINO

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Ref	Items	RT	Index-term
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E37	1		SODIUM AZIDE IODO ACETATE SUCCINIC-ACID ALPHA
E38	1		SODIUM AZIDE LOW TEMPERATURE MIXED ANTI GLOBUL
E39	1		SODIUM AZIDE MACROPHAGE RESPIRATORY BURST PATH
E40	1		SODIUM AZIDE MANGANESE II ION MAGNESIUM II ION
E41	0	1	SODIUM AZIDE MEDIUM
E42	1		SODIUM AZIDE METAB-DRUG
E43	1		SODIUM AZIDE METABOLIC INHIBITOR DE POLARIZATI
E44	1		SODIUM AZIDE METABOLIC-DRUG RECEPTOR STRUCTURA
E45	1		SODIUM AZIDE METABOLIC-DRUG RENAL-ACTING-DRUG
E46	1		SODIUM AZIDE MODIFIED CELL PREPARATION METHOD
E47	1		SODIUM AZIDE MUTAGEN
E48	1		SODIUM AZIDE MUTAGEN GENOTYPE PLOIDY BREEDING

Enter P or PAGE for more

? p

Ref	Items	Index-term
E49	1	SODIUM AZIDE MUTAGEN TRANSLATION POLLEN DEVELO
E50	1	SODIUM AZIDE N NITRO-O-PHENYLENEDIAMINE MUTAGE

? s e1-e50

1	SODIUM AZIDE CYTOCHALASIN B COLCHICINE VINBLAS
1	SODIUM AZIDE CYTOCHALASIN B DRUG DELIVERY REVE
1	SODIUM AZIDE CYTOCHALASIN B METABOLIC-DRUG PHA
1	SODIUM AZIDE CYTOCHALASIN D METABOLIC-DRUG
1	SODIUM AZIDE DECOMPOSITION
1	SODIUM AZIDE DERIVE
1	SODIUM AZIDE DERMATOLOGICAL-DRUG METABOLIC-DRU
1	SODIUM AZIDE DI AMIDE N ETHYL MALEIMIDE 9-ALPH
1	SODIUM AZIDE DI NITRO PHENOL CARBONYL CYANIDE
1	SODIUM AZIDE DI NITRO PHENOL POTASSIUM CYANIDE
1	SODIUM AZIDE DINITROPHENOL
1	SODIUM AZIDE DINITROPHENOL TEMPERATURE LIGHT I
1	SODIUM AZIDE DINITROPHENOL 2 DEOXYGLUCOSE IODO
1	SODIUM AZIDE ENZYME INHIBITOR-DRUG GLUTATHIONE
1	SODIUM AZIDE ENZYME INHIBITOR-DRUG MANNITOL BE
1	SODIUM AZIDE ETHACRYNIC-ACID AMILORIDE
1	SODIUM AZIDE ETHYL METHANE SULFONATE METHYL ME
1	SODIUM AZIDE ETHYL METHANESULFONATE GAMMA-RAY
1	SODIUM AZIDE ETHYL METHANESULFONATE MUTAGENS
1	SODIUM AZIDE FLUORIDE CYCLO HEXIMIDE PUROMYCIN
1	SODIUM AZIDE GENES LINKAGE NECROTIC STERILE ME
1	SODIUM AZIDE GTP MANGANESE ION PARTICULATE FRA
1	SODIUM AZIDE GTP PHOTO RECEPTOR CELL PHOTO REC
1	SODIUM AZIDE HEMATOLOGIC-DRUG CAPILLARY PERMEA
1	SODIUM AZIDE HEMATOLOGIC-DRUG SURFACE IMMUNO G
1	SODIUM AZIDE HERBICIDES AGRICULTURE
1	SODIUM AZIDE INACTIVATING SUBSTANCE
1	SODIUM AZIDE INCUBATION
1	SODIUM AZIDE INDUCTION
1	SODIUM AZIDE INDUSTRY
1	SODIUM AZIDE INHALATION
1	SODIUM AZIDE INHIBITION
1	SODIUM AZIDE INHIBITION ARGININE INDUCTION LEU
1	SODIUM AZIDE INHIBITOR
1	SODIUM AZIDE IODATE METAB-DRUGS RHOD OPSIN PHO
1	SODIUM AZIDE IODO ACETAMIDE ANTIMYCIN A ACTINO
1	SODIUM AZIDE IODO ACETATE SUCCINIC-ACID ALPHA
1	SODIUM AZIDE LOW TEMPERATURE MIXED ANTI GLOBUL
1	SODIUM AZIDE MACROPHAGE RESPIRATORY BURST PATH
1	SODIUM AZIDE MANGANESE II ION MAGNESIUM II ION
0	SODIUM AZIDE MEDIUM

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1 SODIUM AZIDE METAB-DRUG
1 SODIUM AZIDE METABOLIC INHIBITOR DE POLARIZATI
1 SODIUM AZIDE METABOLIC-DRUG RECEPTOR STRUCTURA
1 SODIUM AZIDE METABOLIC-DRUG RENAL-ACTING-DRUG
1 SODIUM AZIDE MODIFIED CELL PREPARATION METHOD
1 SODIUM AZIDE MUTAGEN
1 SODIUM AZIDE MUTAGEN GENOTYPE PLOIDY BREEDING
1 SODIUM AZIDE MUTAGEN TRANSLATION POLLEN DEVELO
1 SODIUM AZIDE N NITRO-O-PHENYLENEDIAMINE MUTAGE
S2 49 E1-E50
? e sodium azide

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Ref	Items	RT	Index-term
E1	8777	37	*SODIUM AZIDE
E2	1		SODIUM AZIDE (NA(N3))
E3	2		SODIUM AZIDE (NAN3)
E4	2		SODIUM AZIDE (SA)
E5	10		SODIUM AZIDE --ADMINISTRATION AND DOSAGE --AD
E6	2		SODIUM AZIDE --ADVERSE DRUG REACTION --AE
E7	10		SODIUM AZIDE --ADVERSE EFFECTS --AE
E8	2		SODIUM AZIDE --AGONISTS --AG
E9	11		SODIUM AZIDE --ANALYSIS --AN
E10	13		SODIUM AZIDE --ANTAGONISTS AND INHIBITORS --AI
E11	8		SODIUM AZIDE --BLOOD --BL
E12	87		SODIUM AZIDE --CHEMISTRY --CH

Enter P or PAGE for more
? e e1

Ref	Items	Type	RT	Index-term
R1	5926		37	*SODIUM AZIDE
R2	271024			DC=D1.20.440.445
R3	733	B	234	INORGANIC SALT
R4	0	S	1	AZIDE SODIUM
R5	5	S	1	NAN3
R6	0	S	1	SODIUM AZIDE MEDIUM
R7	3	S	1	SODIUMAZIDE
R8	2974	X		DC=D1.625.100.750.
R9	2974	X		DC=D1.857.462.
R10	1213	X	3	NAN3
R11	10470	B	12	AZIDES
R12	49688	B	427	INDICATORS AND REAGENTS

Enter P or PAGE for more
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Ref	Items	Type	RT	Index-term
R13	40	B	612	LABORATORY CHEMICALS
R14	76016	B	79	MUTAGENS
R15	539	B	644	NOXAE
R16	2168	B	46	SODIUM COMPOUNDS
R17	33344	B	298	VASODILATOR AGENTS
R18	2278	S	1	RN=26628-22-8

? p
>>>Related terms display completed...
? s r1 or r2 or r5 or r7 or r10 or r11 or r18
>>>One or more prefixes are unsupported
>>> or undefined in one or more files.
5926 SODIUM AZIDE
271024 DC=D1.20.440.445
5 NAN3

3 SODIUMAZIDE
 1213 NAN3
 10470 AZIDES
 2278 RN=26628-22-8
 S3 284022 'SODIUM AZIDE' OR DC='D1.20.440.445' OR 'NAN3' OR
 'SODIUMAZIDE' OR 'NAN3' OR 'AZIDES' OR RN='26628-22-8'

? e oxyrase

Ref	Items	Index-term
E1	1	OXYRAPENTYN
E2	1	OXYRARISETENOLIDE
E3	365	*OXYRASE
E4	1	OXYRASE AGAR DILUTION TECHNIQUE
E5	1	OXYRASE ANAEROBIC AGAR PLATE METHOD
E6	1	OXYRASE CORP.
E7	2	OXYRASE CORPORATION
E8	9	OXYRASE ENZYME
E9	1	OXYRASE ENZYME SYSTEM FOR BROTH
E10	1	OXYRASE OXYPLATE
E11	2	OXYRASE OXYPLATE ANAEROBE INCUBATION SYSTEM
E12	1	OXYRASE TECHNIQUE

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? s oxyrase?

S4 367 OXYRASE?

? s e3-e12

365	OXYRASE
1	OXYRASE AGAR DILUTION TECHNIQUE
1	OXYRASE ANAEROBIC AGAR PLATE METHOD
1	OXYRASE CORP.
2	OXYRASE CORPORATION
9	OXYRASE ENZYME
1	OXYRASE ENZYME SYSTEM FOR BROTH
1	OXYRASE OXYPLATE
2	OXYRASE OXYPLATE ANAEROBE INCUBATION SYSTEM
1	OXYRASE TECHNIQUE

S5 365 E3-E12

? p

Ref	Items	Index-term
E13	2	OXYRASE (R)
E14	2	OXYRASE (TM)
E15	1	OXYRASE-CONTAINING HUNT BROTH
E16	1	OXYRASE-CONTAINING MEDIA METHOD
E17	1	OXYRASE-CONTAINING MEDIUM
E18	1	OXYRASER
E19	1	OXYRASES
E20	2	OXYRASETM
E21	1	OXYRAT
E22	1	OXYRAUBASINATE
E23	1	OXYRAUBASINATES
E24	1	OXYRAUBASINE

Enter P or PAGE for more

? s e13-e20

2	OXYRASE (R)
2	OXYRASE (TM)
1	OXYRASE-CONTAINING HUNT BROTH
1	OXYRASE-CONTAINING MEDIA METHOD
1	OXYRASE-CONTAINING MEDIUM
1	OXYRASER

1 OXYRASES
 2 OXYRASETM
 S6 11 E13-E20
 ? ds

Set	Items	Description
S1	8783	E1-E50
S2	49	E1-E50
S3	284022	'SODIUM AZIDE' OR DC='D1.20.440.445' OR 'NAN3' OR 'SODIUMA-ZIDE' OR 'NAN3' OR 'AZIDES' OR RN='26628-22-8'
S4	367	OXYRASE?
S5	365	E3-E12
S6	11	E13-E20

? s (s1 or s2 or s3) and (s4 or s5 or s6)

8783	S1
49	S2
284022	S3
367	S4
365	S5
11	S6

S7 3 (S1 OR S2 OR S3) AND (S4 OR S5 OR S6)
 ? t s7/6/all

7/6/1 (Item 1 from file: 5)
 0015399729 BIOSIS NO.: 200510094229
Mechanism and optimization of EGFP-CALI
 2004

7/6/2 (Item 1 from file: 73)
 13693911 EMBASE No: 2004116813
Effect of OSUB2 exposure on perchlorate reduction by Dechlorosoma sp. KJ
 2004

7/6/3 (Item 2 from file: 73)
 12840124 EMBASE No: 2004435455
Inhibition of aerobic respiration and dissimilatory perchlorate reduction using cyanide
 15 OCT 2004
 ? logoff hold

21jun06 11:38:29 User228206 Session D2613.2

\$0.79	0.232	DialUnits	File155
\$0.79	Estimated cost File155		
\$1.51	0.255	DialUnits	File5
\$0.00	1	Type(s)	in Format 6
\$0.00	1	Types	
\$1.51	Estimated cost File5		
\$4.72	0.201	DialUnits	File34
\$4.72	Estimated cost File34		
\$0.41	0.101	DialUnits	File35
\$0.41	Estimated cost File35		
\$0.32	0.085	DialUnits	File65
\$0.32	Estimated cost File65		
\$1.23	0.139	DialUnits	File71
\$1.23	Estimated cost File71		
\$4.07	0.364	DialUnits	File73
\$0.00	2	Type(s)	in Format 6
\$0.00	2	Types	
\$4.07	Estimated cost File73		
\$0.37	0.085	DialUnits	File91

\$0.37	Estimated cost	File91	
\$0.41	0.116	DialUnits	File94
\$0.41	Estimated cost	File94	
\$0.56	0.132	DialUnits	File98
\$0.56	Estimated cost	File98	
\$0.58	0.108	DialUnits	File135
\$0.58	Estimated cost	File135	
\$0.56	0.124	DialUnits	File144
\$0.56	Estimated cost	File144	
\$0.51	0.116	DialUnits	File149
\$0.51	Estimated cost	File149	
\$1.00	0.170	DialUnits	File156
\$1.00	Estimated cost	File156	
\$0.56	0.178	DialUnits	File159
\$0.56	Estimated cost	File159	
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\$0.63	Estimated cost	File162	
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\$0.87	Estimated cost	File172	
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\$0.47	Estimated cost	File266	
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\$0.27	Estimated cost	File369	
\$0.30	0.085	DialUnits	File370
\$0.30	Estimated cost	File370	
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\$1.46	Estimated cost	File399	
\$2.36	0.101	DialUnits	File434
\$2.36	Estimated cost	File434	
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\$0.41	Estimated cost	File444	
\$0.59	0.093	DialUnits	File467
\$0.59	Estimated cost	File467	
\$1.06	OneSearch, 25 files,	3.388	DialUnits FileOS
\$1.06	TELNET		
\$26.29	Estimated cost this search		
\$26.29	Estimated total session cost	3.606	DialUnits

Logoff: level 05.11.05 D 11:38:29

You are now logged off

manual, 4th ed., Virginia Polytechnic Institute and State University, Blacksburg.

3. Carlsson, J., Nyberg, G., and J. Wrethen. 1978. Hydrogen peroxide and superoxide radical formation in anaerobic broth media exposed to atmospheric oxygen. *Appl. Environ. Microbiol.* 36:223.

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